

3-2403

2823

Please type a plus sign (+) inside this box → ☒PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/643,004
	Filing Date	August 21, 2000
	First Named Inventor	Garry A. Mercaldi
	Group Art Unit	2823
	Examiner Name	T. Dang
Total Number of Pages in This Submission		Attorney Docket Number MI22-1358

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	A check for \$180.00
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	PTO-1449 and Cited Reference
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	Customer No. 021567
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	The Commissioner is hereby authorized to charge any additional fees required under 37 C.F.R. § 1.16 and § 1.17 and credit any overpayments to account no. 23-0925.	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	James E. Lake Reg. No. 44,854; Wells St. John P.S.
Signature	
Date	20 Mar 2003

CERTIFICATE OF MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <input type="text"/>		
Typed or printed name	<input type="text"/>	
Signature	<input type="text"/>	Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EVQ85426454

PT & TRADEMARK OFFICE
MAR 20 2003

PTO/SB/17 (12/99)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2000 <small>Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.</small>		Complete if Known	
TOTAL AMOUNT OF PAYMENT (\$180.00)		Application Number	09/643,004
		Filing Date	August 21, 2000
		First Named Inventor	Gary A. Mercaldi
		Examiner Name	T. Dang
		Group / Art Unit	2823
		Attorney Docket No.	MI22-1358

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																								
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number: 23-0925 Deposit Account Name: Wells St. John P.S. <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		3. ADDITIONAL FEES																																																																																																																																																								
2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		<table border="1"><thead><tr><th>Large Entity Code</th><th>Small Entity Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205 65</td><td>Surcharge - late filing fee or oath</td><td>0.00</td></tr><tr><td>127</td><td>50</td><td>227 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>0.00</td></tr><tr><td>139</td><td>130</td><td>139 130</td><td>Non-English specification</td><td>0.00</td></tr><tr><td>147</td><td>2,520</td><td>147 2,520</td><td>For filing a request for reexamination</td><td>0.00</td></tr><tr><td>112</td><td>920*</td><td>112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>0.00</td></tr><tr><td>113</td><td>1,840*</td><td>113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>0.00</td></tr><tr><td>115</td><td>110</td><td>215 55</td><td>Extension for reply within first month</td><td>0.00</td></tr><tr><td>116</td><td>380</td><td>216 190</td><td>Extension for reply within second month</td><td>0.00</td></tr><tr><td>117</td><td>870</td><td>217 435</td><td>Extension for reply within third month</td><td>0.00</td></tr><tr><td>118</td><td>1,360</td><td>218 680</td><td>Extension for reply within fourth month</td><td>0.00</td></tr><tr><td>128</td><td>1,850</td><td>228 925</td><td>Extension for reply within fifth month</td><td>0.00</td></tr><tr><td>119</td><td>300</td><td>219 150</td><td>Notice of Appeal</td><td>0.00</td></tr><tr><td>120</td><td>300</td><td>220 150</td><td>Filing a brief in support of an appeal</td><td>0.00</td></tr><tr><td>121</td><td>260</td><td>221 130</td><td>Request for oral hearing</td><td>0.00</td></tr><tr><td>138</td><td>1,510</td><td>138 1,510</td><td>Petition to institute a public use proceeding</td><td>0.00</td></tr><tr><td>140</td><td>110</td><td>240 55</td><td>Petition to revive - unavoidable</td><td>0.00</td></tr><tr><td>141</td><td>1,210</td><td>241 605</td><td>Petition to revive - unintentional</td><td>0.00</td></tr><tr><td>142</td><td>1,210</td><td>242 605</td><td>Utility issue fee (or reissue)</td><td>0.00</td></tr><tr><td>143</td><td>430</td><td>243 215</td><td>Design issue fee</td><td>0.00</td></tr><tr><td>144</td><td>580</td><td>244 290</td><td>Plant issue fee</td><td>0.00</td></tr><tr><td>122</td><td>130</td><td>122 130</td><td>Petitions to the Commissioner</td><td>0.00</td></tr><tr><td>123</td><td>50</td><td>123 50</td><td>Petitions related to provisional applications</td><td>0.00</td></tr><tr><td>126</td><td>240</td><td>126 240</td><td>Submission of Information Disclosure Stmt</td><td>180.00</td></tr><tr><td>581</td><td>40</td><td>581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td>0.00</td></tr><tr><td>146</td><td>690</td><td>246 345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td>0.00</td></tr><tr><td>149</td><td>690</td><td>249 345</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td>0.00</td></tr><tr><td colspan="4">Other fee (specify) _____ 0.00</td></tr><tr><td colspan="4">Other fee (specify) _____ 0.00</td></tr><tr><td colspan="4">Reduction by Basic Filing Fee Paid</td></tr><tr><td colspan="4">SUBTOTAL (3) (\$ 180.00)</td></tr></tbody></table>		Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid	105	130	205 65	Surcharge - late filing fee or oath	0.00	127	50	227 25	Surcharge - late provisional filing fee or cover sheet	0.00	139	130	139 130	Non-English specification	0.00	147	2,520	147 2,520	For filing a request for reexamination	0.00	112	920*	112 920*	Requesting publication of SIR prior to Examiner action	0.00	113	1,840*	113 1,840*	Requesting publication of SIR after Examiner action	0.00	115	110	215 55	Extension for reply within first month	0.00	116	380	216 190	Extension for reply within second month	0.00	117	870	217 435	Extension for reply within third month	0.00	118	1,360	218 680	Extension for reply within fourth month	0.00	128	1,850	228 925	Extension for reply within fifth month	0.00	119	300	219 150	Notice of Appeal	0.00	120	300	220 150	Filing a brief in support of an appeal	0.00	121	260	221 130	Request for oral hearing	0.00	138	1,510	138 1,510	Petition to institute a public use proceeding	0.00	140	110	240 55	Petition to revive - unavoidable	0.00	141	1,210	241 605	Petition to revive - unintentional	0.00	142	1,210	242 605	Utility issue fee (or reissue)	0.00	143	430	243 215	Design issue fee	0.00	144	580	244 290	Plant issue fee	0.00	122	130	122 130	Petitions to the Commissioner	0.00	123	50	123 50	Petitions related to provisional applications	0.00	126	240	126 240	Submission of Information Disclosure Stmt	180.00	581	40	581 40	Recording each patent assignment per property (times number of properties)	0.00	146	690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00	149	690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00	Other fee (specify) _____ 0.00				Other fee (specify) _____ 0.00				Reduction by Basic Filing Fee Paid				SUBTOTAL (3) (\$ 180.00)			
Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																						
105	130	205 65	Surcharge - late filing fee or oath	0.00																																																																																																																																																						
127	50	227 25	Surcharge - late provisional filing fee or cover sheet	0.00																																																																																																																																																						
139	130	139 130	Non-English specification	0.00																																																																																																																																																						
147	2,520	147 2,520	For filing a request for reexamination	0.00																																																																																																																																																						
112	920*	112 920*	Requesting publication of SIR prior to Examiner action	0.00																																																																																																																																																						
113	1,840*	113 1,840*	Requesting publication of SIR after Examiner action	0.00																																																																																																																																																						
115	110	215 55	Extension for reply within first month	0.00																																																																																																																																																						
116	380	216 190	Extension for reply within second month	0.00																																																																																																																																																						
117	870	217 435	Extension for reply within third month	0.00																																																																																																																																																						
118	1,360	218 680	Extension for reply within fourth month	0.00																																																																																																																																																						
128	1,850	228 925	Extension for reply within fifth month	0.00																																																																																																																																																						
119	300	219 150	Notice of Appeal	0.00																																																																																																																																																						
120	300	220 150	Filing a brief in support of an appeal	0.00																																																																																																																																																						
121	260	221 130	Request for oral hearing	0.00																																																																																																																																																						
138	1,510	138 1,510	Petition to institute a public use proceeding	0.00																																																																																																																																																						
140	110	240 55	Petition to revive - unavoidable	0.00																																																																																																																																																						
141	1,210	241 605	Petition to revive - unintentional	0.00																																																																																																																																																						
142	1,210	242 605	Utility issue fee (or reissue)	0.00																																																																																																																																																						
143	430	243 215	Design issue fee	0.00																																																																																																																																																						
144	580	244 290	Plant issue fee	0.00																																																																																																																																																						
122	130	122 130	Petitions to the Commissioner	0.00																																																																																																																																																						
123	50	123 50	Petitions related to provisional applications	0.00																																																																																																																																																						
126	240	126 240	Submission of Information Disclosure Stmt	180.00																																																																																																																																																						
581	40	581 40	Recording each patent assignment per property (times number of properties)	0.00																																																																																																																																																						
146	690	246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00																																																																																																																																																						
149	690	249 345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00																																																																																																																																																						
Other fee (specify) _____ 0.00																																																																																																																																																										
Other fee (specify) _____ 0.00																																																																																																																																																										
Reduction by Basic Filing Fee Paid																																																																																																																																																										
SUBTOTAL (3) (\$ 180.00)																																																																																																																																																										
FEE CALCULATION		TECHNOLOGY CENTER 2800																																																																																																																																																								
1. BASIC FILING FEE																																																																																																																																																										
<table border="1"><thead><tr><th>Large Entity Code</th><th>Small Entity Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>101</td><td>690</td><td>201 345</td><td>Utility filing fee</td><td>0.00</td></tr><tr><td>106</td><td>310</td><td>206 155</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>480</td><td>207 240</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>690</td><td>208 345</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>150</td><td>214 75</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="4">SUBTOTAL (1) (\$ 0.00)</td></tr></tbody></table>				Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid	101	690	201 345	Utility filing fee	0.00	106	310	206 155	Design filing fee		107	480	207 240	Plant filing fee		108	690	208 345	Reissue filing fee		114	150	214 75	Provisional filing fee		SUBTOTAL (1) (\$ 0.00)																																																																																																																								
Large Entity Code	Small Entity Code			Fee (\$)	Fee Description	Fee Paid																																																																																																																																																				
101	690			201 345	Utility filing fee	0.00																																																																																																																																																				
106	310			206 155	Design filing fee																																																																																																																																																					
107	480			207 240	Plant filing fee																																																																																																																																																					
108	690			208 345	Reissue filing fee																																																																																																																																																					
114	150			214 75	Provisional filing fee																																																																																																																																																					
SUBTOTAL (1) (\$ 0.00)																																																																																																																																																										
2. EXTRA CLAIM FEES																																																																																																																																																										
<table border="1"><thead><tr><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>Total Claims 0 - 20** = 0</td><td>0</td><td>0</td></tr><tr><td>Independent Claims 0 - 3** = 0</td><td>0</td><td>0</td></tr><tr><td>Multiple Dependent 0</td><td>0</td><td>0</td></tr></tbody></table>		Extra Claims	Fee from below	Fee Paid	Total Claims 0 - 20** = 0	0	0	Independent Claims 0 - 3** = 0	0	0	Multiple Dependent 0	0	0																																																																																																																																													
Extra Claims	Fee from below	Fee Paid																																																																																																																																																								
Total Claims 0 - 20** = 0	0	0																																																																																																																																																								
Independent Claims 0 - 3** = 0	0	0																																																																																																																																																								
Multiple Dependent 0	0	0																																																																																																																																																								
**or number previously paid, if greater; For Reissues, see below																																																																																																																																																										
<table border="1"><thead><tr><th>Large Entity Code</th><th>Small Entity Code</th><th>Fee (\$)</th><th>Fee Description</th></tr></thead><tbody><tr><td>103</td><td>18</td><td>203 9</td><td>Claims in excess of 20</td></tr><tr><td>102</td><td>78</td><td>202 39</td><td>Independent claims in excess of 3</td></tr><tr><td>104</td><td>260</td><td>204 130</td><td>Multiple dependent claim, if not paid</td></tr><tr><td>109</td><td>78</td><td>209 39</td><td>** Reissue independent claims over original patent</td></tr><tr><td>110</td><td>18</td><td>210 9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr><tr><td colspan="4">SUBTOTAL (2) (\$ 0.00)</td></tr></tbody></table>		Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	103	18	203 9	Claims in excess of 20	102	78	202 39	Independent claims in excess of 3	104	260	204 130	Multiple dependent claim, if not paid	109	78	209 39	** Reissue independent claims over original patent	110	18	210 9	** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) (\$ 0.00)																																																																																																																																
Large Entity Code	Small Entity Code	Fee (\$)	Fee Description																																																																																																																																																							
103	18	203 9	Claims in excess of 20																																																																																																																																																							
102	78	202 39	Independent claims in excess of 3																																																																																																																																																							
104	260	204 130	Multiple dependent claim, if not paid																																																																																																																																																							
109	78	209 39	** Reissue independent claims over original patent																																																																																																																																																							
110	18	210 9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																							
SUBTOTAL (2) (\$ 0.00)																																																																																																																																																										

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	James E. Lake	Registration No. (Attorney/Agent)	44,854
Signature	<i>[Signature]</i>	Telephone	US-509-624-4276
		Date	20 Mar 2003

WARNING:
Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EVQ85426454